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(71) Applicant: **Quantum-Si Incorporated
Branford, CT 06405 (US)**

(72) Inventors:
• **SCHMID, Gerard
Guilford, 06437 (US)**
• **PRESTON, Kyle
Guilford, 06437 (US)**
• **STEWMAN, Shannon
Guilford, 06437 (US)**

(74) Representative: **Carpmaels & Ransford LLP
One Southampton Row
London WC1B 5HA (GB)**

(54) **SLICED GRATING COUPLER WITH INCREASED BEAM ALIGNMENT SENSITIVITY**

(57) Apparatus and methods relating to coupling radiation from an incident beam into a plurality of waveguides with a grating coupler are described. A grating coupler can have offset receiving regions and grating portions with offset periodicity to improve sensitivity of the grating coupler to misalignment of the incident beam.

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EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (IPC)
			G01N G02B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 20 September 2024	Examiner Weinberger, Thorsten
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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